

Comparisons of Job Characteristics

Focus Occupation: Automotive Glass Installers and Repairers (49-3022)

Associated Occupation: Automotive Service Technicians and Mechanics (49-3023)

Compare Knowledge

Compare Skills

Compare Abilities

Compare Detailed Work Activities

Compare Tools and Technologies

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 80

Focus Occupation: Automotive Glass Installers and Repairers (49-3022)

Associated Occupation: Automotive Service Technicians and Mechanics (49-3023)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Mechanical	6.8	20.8	16.7	<<	Extensive education and/or training may be required
Customer and Personal Service	11.3	15.1	16.2	0	Current knowledge level may be sufficient
Engineering and Technology	5.7	12.9	6.4	<<	Extensive education and/or training may be required
Physics	4.3	8.6	3.5	<<	Extensive education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 40

Focus Occupation: Automotive Glass Installers and Repairers (49-3022)

Associated Occupation: Automotive Service Technicians and Mechanics (49-3023)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Repairing	3.4	12.7	6.7	<<	Extensive development of skills in this area may be required
Equipment Maintenance	3.5	11.6	5.9	<<	Extensive development of skills in this area may be required
Troubleshooting	4.5	11.4	6.5	<<	Extensive development of skills in this area may be required
Operation and Control	5.4	11.1	7.4	<<	Extensive development of skills in this area may be required
Operation Monitoring	6.6	10.9	7.7	<<	Extensive development of skills in this area may be required
Quality Control Analysis	5.9	10.4	8.6	<	A higher skill level may be required

Equipment Selection	3.3	9.4	7.5	<	A higher skill level may be required
Installation	1.7	6.4	7.5	>	Skill level is likely sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 83			
Focus Occupation: Automotive Glass Installers and Repairers (49-3022) Associated Occupation: Automotive Service Technicians and Mechanics (49-3023)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Extent Flexibility	4.8	14.4	9.1	<<	Extensive improvement in abilities may be required
Control Precision	6.6	13.5	8.5	<<	Extensive improvement in abilities may be required
Finger Dexterity	7.6	12.6	9.1	<<	Extensive improvement in abilities may be required
Manual Dexterity	6.5	12.4	9.1	<<	Extensive improvement in abilities may be required
Arm-Hand Steadiness	6.8	12.2	9.0	<<	Extensive improvement in abilities may be required
Multilimb Coordination	6.0	12.0	8.1	<<	Extensive improvement in abilities may be required
Hearing Sensitivity	5.6	11.8	5.7	<<	Extensive improvement in abilities may be required
Auditory Attention	5.9	10.6	5.3	<<	Extensive improvement in abilities may be required
Sound Localization	2.2	5.9	4.0	<<	Extensive improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 84
Focus Occupation: Automotive Glass Installers and Repairers (49-3022) Associated Occupation: Automotive Service Technicians and Mechanics (49-3023)		
Work Activities	Exclusivity of Activity	
Adhere to safety procedures	12	
Apply filler substances to dents in vehicle bodies	92	
Fabricate, assemble, or disassemble manufactured products by hand	11	
Maintain repair records	65	
Move or fit heavy objects	8	
Perform safety inspections in industrial, manufacturing or repair setting	32	
Read vehicle manufacturer's specifications	76	
Read work order, instructions, formulas, or processing charts	9	

Repair or replace malfunctioning or worn mechanical components	62
Stock or organize goods	70
Understand service or repair manuals	40
Use hand or power tools	2
Use oral or written communication techniques	1
Use pneumatic tools	66
Use precision measuring devices in mechanical repair work	61

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus
Occupation to Associated
Occupation: 79

Focus Occupation: Automotive Glass Installers and Repairers (49-3022)
Associated Occupation: Automotive Service Technicians and Mechanics (49-3023)

Tools and Technologies	Exclusivity
Body tools	70
Business function specific software	1
Compressors	9
Computers	1
Cutting and crimping and punching tools	3
Cutting tools	18
Data management and query software	1
Dispensing tools	6
Electrical measuring and testing equipment	7
Finance accounting and enterprise resource planning ERP software	2
Forming tools	2
Holding and clamping tools	3
Lifting equipment and accessories	3
Machine tools	7
Marking tools	11
Measuring and layout tools	3
Power tools	2
Prying and bending tools	10
Rough and finishing tools	5
Safety apparel	4
Soldering and brazing and welding machinery and supplies	6
Temperature and heat measuring instruments	6
Viewing and observing instruments and accessories	4
Wrenches and drivers	2

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.